Application No.: National Phase of PCT/GB05/000549 Docket No.: 2902076.4

First Preliminary Amendment

**ABSTRACT OF THE DISCLOSURE** 

Please replace the existing Abstract with the paragraph below;

Novel transgenic cells comprising a polynucleotide molecule encoding a polypeptides

having Thalassiosira pseudonana desaturase activity, or polynucleotide molecules. Also

provided are transgenic plants, seeds of said plants and reaction vessels comprising the

transgenic cells. Methods for desaturating fatty acid substrates are also provided.

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